Bruhat Bengaluru Mahanagara Palike

BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA DIVISION

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03.

QUALITY CONTROL REPORTS

"FIRST & FINAL BILL"

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03.

Quality Control Abstract

Job code

Bill Number: First & Final Bill

Name of contractor: Sri K Gopi Reddy

Sl No.	Description of Materials	Test	No of Units Tested	No of samples conducted	Test result	Remarks
1	Kerb Stone	Compressive Strength (IS 516-1959)	Per Batch	Per Batch	Satisfactory	-
2	GSB	As per Morth	Per Batch	Per Batch	Satisfactory	-
3	Fine Aggregates	IS: 383-1970	Per Batch	Per Batch	Satisfactory	-
4	Course Aggregates	As per Morth	Per Batch	Per Batch	Satisfactory	-
5	Steel TMT	IS: 1876:2008, IS 1608:2005,IS1599:1985	Per Batch	Per Batch	Satisfactory	-
6	Cement	IS: 12269-1987	Per Batch	Per Batch	Satisfactory	-
7	M20 Concrete	Compressive Strength (IS 516-1959)	60	60	Satisfactory	-
8	100mm Drain Slab (Core Cuting Method)	Core Compressive Strength (IS 516-1959 (Reaffirmed -Sp-24, 1983	Per Batch	Per Batch	Satisfactory	-

GCL

CONSULTANCY * SHRIYA CONSTRUCTION AND

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/SAN UNNI/CEM

Date: 06/08/2021

1. **Test report on Cement:**

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	160 Min	Shall Not be less than 30 Min
2.	Final Setting Time	270 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.96 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.13 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	28.56 N/Sqmm	Shall not be less than 27 N /Sq mm

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/SAN UNNI/CEM

Date: 10/09/2021

1. **Test report on Cement:**

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	168 Min	Shall Not be less than 30 Min
2.	Final Setting Time	275 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.98 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.15 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	29.56 N/Sqmm	Shall not be less than 27 N /Sq mm

SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/SAN UNNI /Sand

Date: 10/09/2021

1. **Test report on Fine Aggregares:**

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.89%	NA
2.	Silt Content	-	.62%	Not more than 8%
3.	Specific Gravity	-	2.69	--

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MOBILE:9945744759

HRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/SAN UNNI /Sand

Date: 14/10/2021

1. **Test report on Fine Aggregares:**

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.00%	NA
2.	Silt Content	-	.67%	Not more than 8%
3.	Specific Gravity	-	2.50	--

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MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/SAN UNNI /Sand

Date: 20/10/2021

1. Test report on Fine Aggregares:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.55%	NA
2.	Silt Content	-	.65%	Not more than 8%
3.	Specific Gravity	-	2.59	--

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 10/09/2021

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)–1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.54%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.65 %**	Not more than 35.0 %
3.	Water absorption, %	**0.42 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/SAN UNNI/Course Agg Date: 20/10/2021

TEST REPORT ON COURSE AGGREGATES (GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.
Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**94.35**	95-100
26.50	**---**	-
22.40	**74.15**	60-80
11.20	**52.10**	40-60
4.75	**36.45**	25-40
2.36	**26.70**	15-30
0.600	**18.05**	8-22
0.075	**3.45**	0-5

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RIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 20/10/2021

TABLE 1.2

Lo	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)–1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.60%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.60 %**	Not more than 35.0 %
3.	Water absorption, %	**0.40%**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

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IYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

'EL- D/PMC/SAN UNNI/BLOCKS

Date: 10/09/2021

1. Test report on cement Concrete Blocks:

Testing of concrete– Compressive Strength) As Per IS (Part I)

e of Work:- Additional Development works to Parks at Sandeep Unnikrishnan
i in Attur Ward no 03..

Material Testing/PMC/21-22.

ort submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP
ıgalore.

me of Agency/ contractor: Sri K Gopi Reddy

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

mentions of Specimens: 400x150x200mm

able 1.1

L o	Location	Date of castin g	Date of Testing	C/S Area mm2	Age	Load KN	Compressi ve Strength- N/mm2	Average
1.	Compou nd Wall – Sandeep Unni krishnan Road	NA	10/09/ 2021	60000	NA	496	8.27	7.74
2.		"	"	"	"	454	7.71	
3.		"	"	"	"	475	7.99	
4.		"	"	"	"	399	6.62	
5.		"	"	"	"	466	7.77	
6.		"	"	"	"	484	8.12	

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/SAN UNNI/BLOCKS Date: 15/08/2021

2. Test report on cement Concrete Blocks:

Sub: Testing of concrete– Compressive Strength) As Per IS (Part I)

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 400x150x200mm

Table 1.1

SL No	Location	Date of castin g	Date of Testing	C/S Area mm2	Age	Load KN	Compressi ve Strength- N/mm2	Average
1.	Compou nd Wall – Sandeep Unni krishnan Road	NA	15/08/ 2021	60000	NA	505	8.41	7.98
2.		"	"	"	"	468	7.80	
3.		"	"	"	"	486	8.10	
4.		"	"	"	"	436	7.20	
5.		"	"	"	"	490	8.16	
6.		"	"	"	"	494	8.23	

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MOBILE:9945744759

HRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

IO: YEL- D/PMC/SAN UNNI/BLOCKS

Date: 20/08/2021

2. Test report on cement Concrete Blocks:

Sub: Testing of concrete– Compressive Strength) As Per IS (Part I)

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 400x150x200mm

Table 1.1

SL No	Location	Date of castin g	Date of Testing	C/S Area mm2	Age	Load KN	Compressi ve Strength- N/mm2	Average
1.	Compou nd Wall – Sandeep Unni krishnan Road	NA	20/08/ 2021	60000	NA	455	7.58	7.50
2.		"	"	"	"	482	8.03	
3.		"	"	"	"	436	7.20	
4.		"	"	"	"	465	7.75	
5.		"	"	"	"	433	7.21	
6.		"	"	"	"	449	7.40	

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IYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

: YEL- D/PMC/SAN UNNI /KERB

Date: 31/10/2021

KerbStone (Core Cutting Method) Test Report

ıb: Testing of concrete Kerb Stones (Core Cutting Method) – Compressive Strength)

ame of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M15**
Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

	Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength - N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavenent Cube Compressive Strength
	78	.356	2301.4	1.56	.960	25.6	13.39	14.47	13.39	17.01
2.	80	.364	2332.7	1.60	.960	22.95	13.39	14.47	13.39	17.25
3.	82	.380	2352.5	1.64	.960	23.30	12.78	13.81	13.25	17.05

SHRIYA CONSULTANCY

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MOBILE:9945744759

RIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/SAN UNNI/Slab

Date: 06/12/2021

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	Masjid Road, Car Garage Road, Venkatala Village, Culverts	08-11-2021	06-12-2021	8.41	28	503.00	22.36	22.16
2		"	"	8.20	"	485.00	21.56	
3		"	"	8.36	"	476.00	21.16	
4		"	"	8.32	"	531.00	23.60	
5		"	"	8.55	"	499.00	22.18	
6		"	"	8.35	"	497.00	22.09	

SHRIYA CONSTRUCTION & CONSULTANCY

MOBILE:9945744759

IYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

O: YEL- D/PMC/SAN UNNI/Slab

Date: 09/11/2021

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strengt h N/mm2	Average Strength N/mm2
1	Drain Slab - Sandeep Unnikrishn an Road	11-11-2021	09-11-2021	8.43	28	550.00	24.44	23.13
2		"	"	8.24	"	531.00	23.60	
3		"	"	8.36	"	521.00	23.16	
4		"	"	8.52	"	561.00	24.93	
5		"	"	8.34	"	485.00	21.56	
6		"	"	8.43	"	475.00	21.11	

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MOBILE:9945744759

YA CONSTRUCTION AND CONSULTANCY

1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

EL- D/PMC/SAN UNNI /GSB

Date: 17/10/2021

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

To conduct tests on GSB (Grade-V) mix.

e of Work:- Additional Development works to Parks at Sandeep Unnikrishnan in Attur Ward no 03..

Material Testing/PMC/21-22.

ort submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP galore.

ne of Agency/ contractor: Sri K Gopi Reddy

TEST RESULTS

Gradation Test:

BLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision 2013
75.00	100.00	100
53.00	98.45	80-100
26.50	81.30	55-90
9.50	54.25	35-65
4.75	42.65	25-50
2.36	17.35	10-20
0.85	8.70	2-10
0.425	3.90	0-5

MOBILE: 9945744759

YA CONSTRUCTION AND CONSULTANCY

133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 17/10/2021

ABLE 1.2

Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
Water absorption, %	**0.41 %**	Not more than 2.0 %
Liquid Limit, %	**18.55**	Not more than 25.0 %
Plasticity Index, %	**NP**	Not more than 6.0 %
Moisture Content, %	**6.74**	----------
ggregate Impact Value, %	**28.05**	Not more than 40.00 %

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬೆಂಗಳೂರು-106

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/SAN UNNI /GSB Date: 31/10/2021

TEST REPORT ON GRANULAR SUBBASE MIX (GRADATION TEST)

Sub: To conduct tests on GSB (Grade-V) mix.

Name of Work:- Additional Development works to Parks at Sandeep Unnikrishnan Road in Attur Ward no 03..

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Gopi Reddy

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
75.00	**100.00**	100
53.00	**98.45**	80-100
26.50	**81.30**	55-90
9.50	**54.25**	35-65
4.75	**42.65**	25-50
2.36	**17.35**	10-20
0.85	**8.70**	2-10
0.425	**3.90**	0-5

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 31/10/2021

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Water absorption, %	**0.42 %**	Not more than 2.0 %
2.	Liquid Limit, %	**18.56**	Not more than 25.0 %
3.	Plasticity Index, %	**NP**	Not more than 6.0 %
4.	Moisture Content, %	**6.75**	----------
5.	Aggregate Impact Value, %	**28.00**	Not more than 40.00 %

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106